NAVMPS

JMPS SERVER DNS SETUP TECHINICAL NOTE

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Prepared For TAMPS PMA-233

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# Revision History

| Rev	By	Date	ECO/ECP	Description
1	David A. Bartkus	3/19/03	N/A	• Created doc for quick DNS setup guide. Will roll into JMPS Server Configuration Document.
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JMPS Server DNS Setup Notes:

Step 1.   Logon as system administrator.

Step 2.   Go to the DNS configuration tool (Start->Programs->Administrator Tools->DNS. The DNS configuration dialog box will open as shown in Figure 1.

Step 3.   In the right-hand pane select the JMPS server and double click on it to expand the DNS tree. Select the "." (root) DNS Zone, then right-click on it.

Step 4.   On the pop-up menu select "Delete" to delete the root DNS Zone (See Figure 2).

Step 5.   The DNS confirm delete dialog will open, click the "OK" button to proceed (See Figure 3).

Step 6.   The DNS Active Directory warning dialog box will then open. Click the "Yes" button to confirm the deletion of the root DNS Zone (See Figure 4).

Step 7.   Close all DNS dialogs and then reboot the server.

Step 8.   Logon as system administrator.

Step 9.   Go to the DNS configuration tool (Start->Programs->Administrator Tools->DNS. The DNS configuration dialog box will open as shown in Figure 1.

Step 10.   In the right-hand pane select the JMPS server and right-click on it. On the pop-up menu that appears select "Properties" (See Figure 5).

Step 11.   The DNS Properties dialog box will open. Click on the "Fowarders" TAB to bring it to the front. On the "Forwarder" TAB check the "Enable forwarders" check box. In the "IP Address" box enter the IP address for the external DNS server that will act as a Forwarder for JMPS, click the "Add" button to enter this address into the list. Repeat this step for additional Forwarder IP Addresses as needed. Click the "OK" button when finished (See Figure 6 and Figure 7).

Step 12.   On the DNS Properties dialog box click the "Root Hints" TAB to bring it to the front. This TAB displays the default DNS Root Hints. Use the Add, Edit and Remove buttons to edit the list as necessary. These will need to be updated to the proper shipboard / schoolhouse / lab facility root hints (See Figure 8).

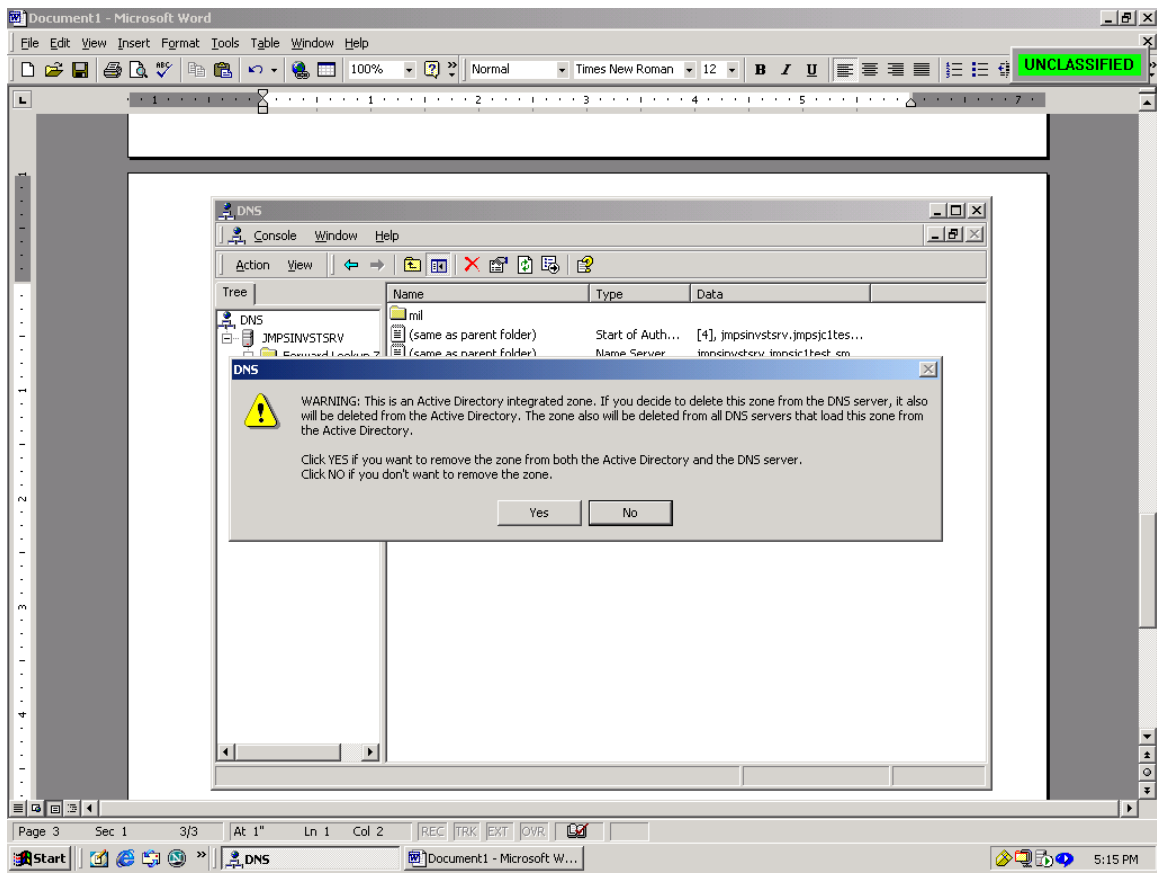**Step 13.**   Close all DNS dialogs and then reboot the server.
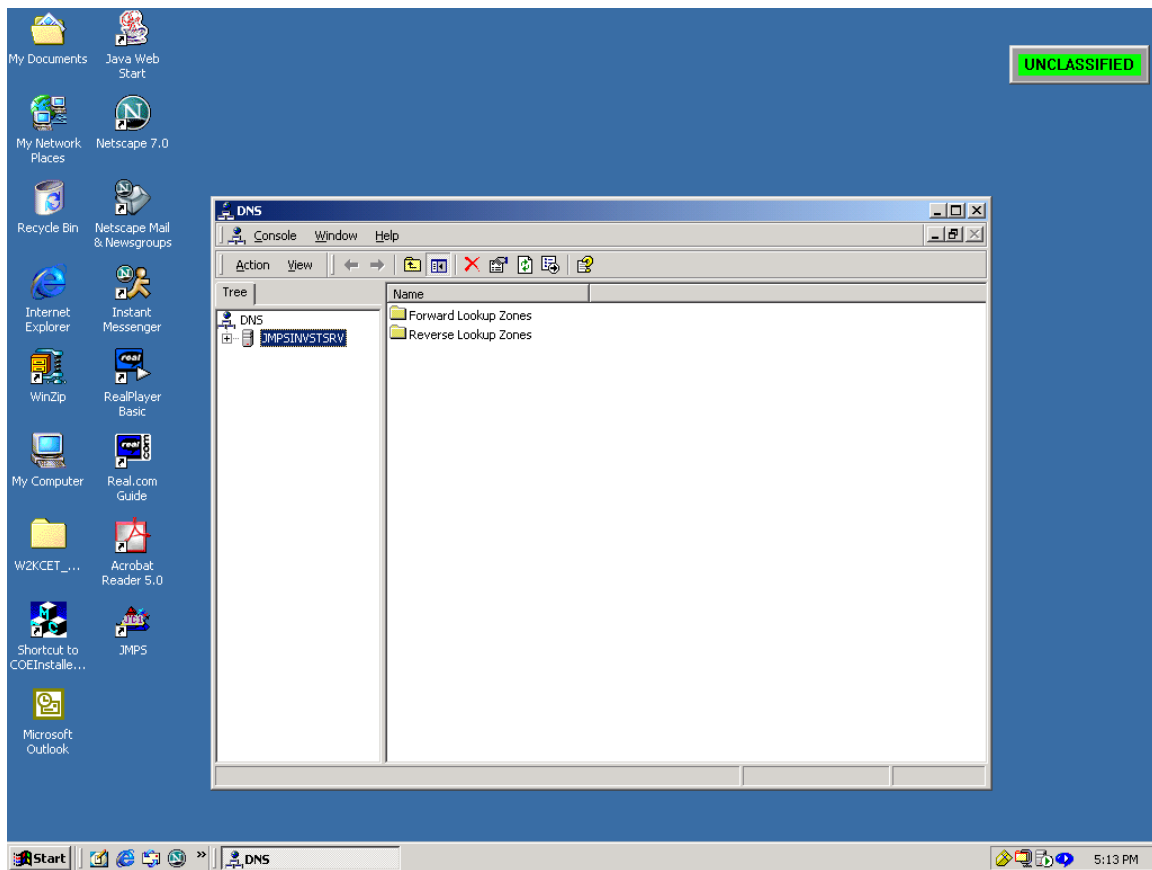
Figure 1 - DNS Configuration Dialog Box
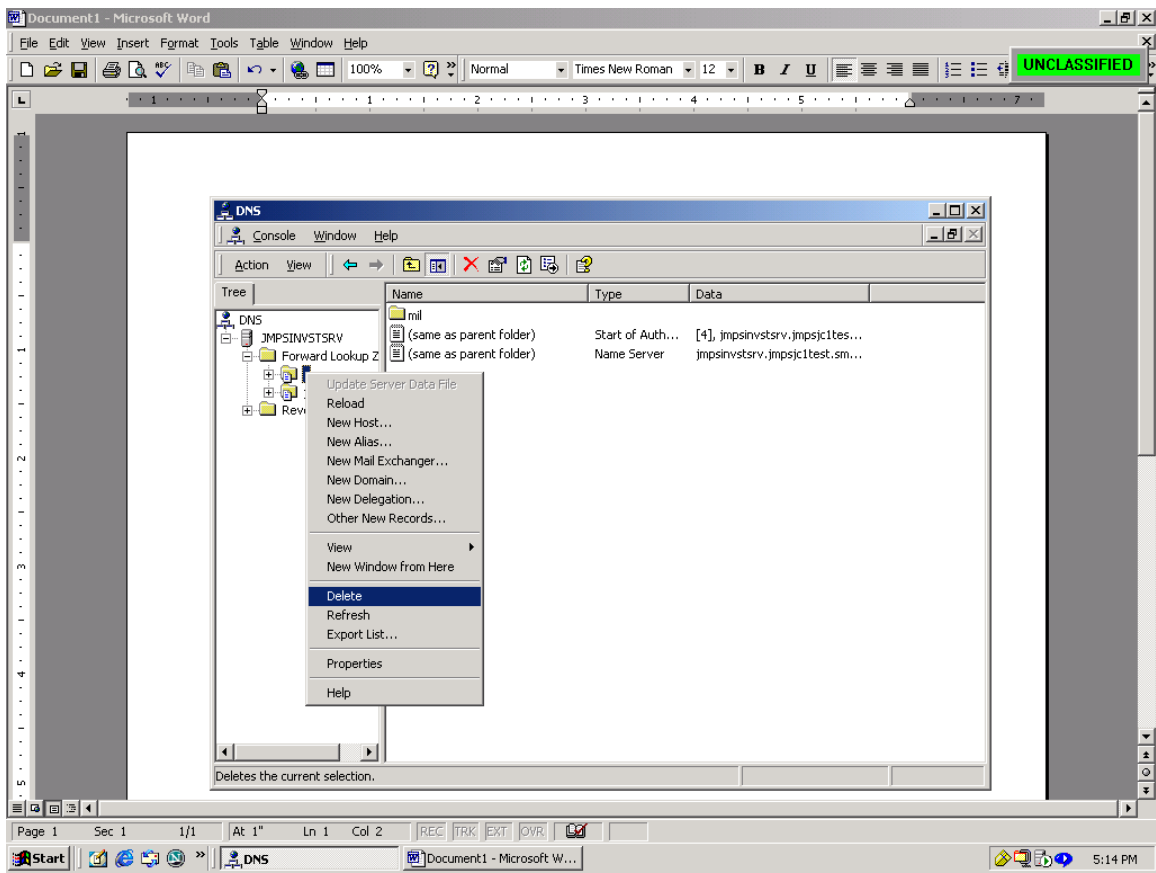
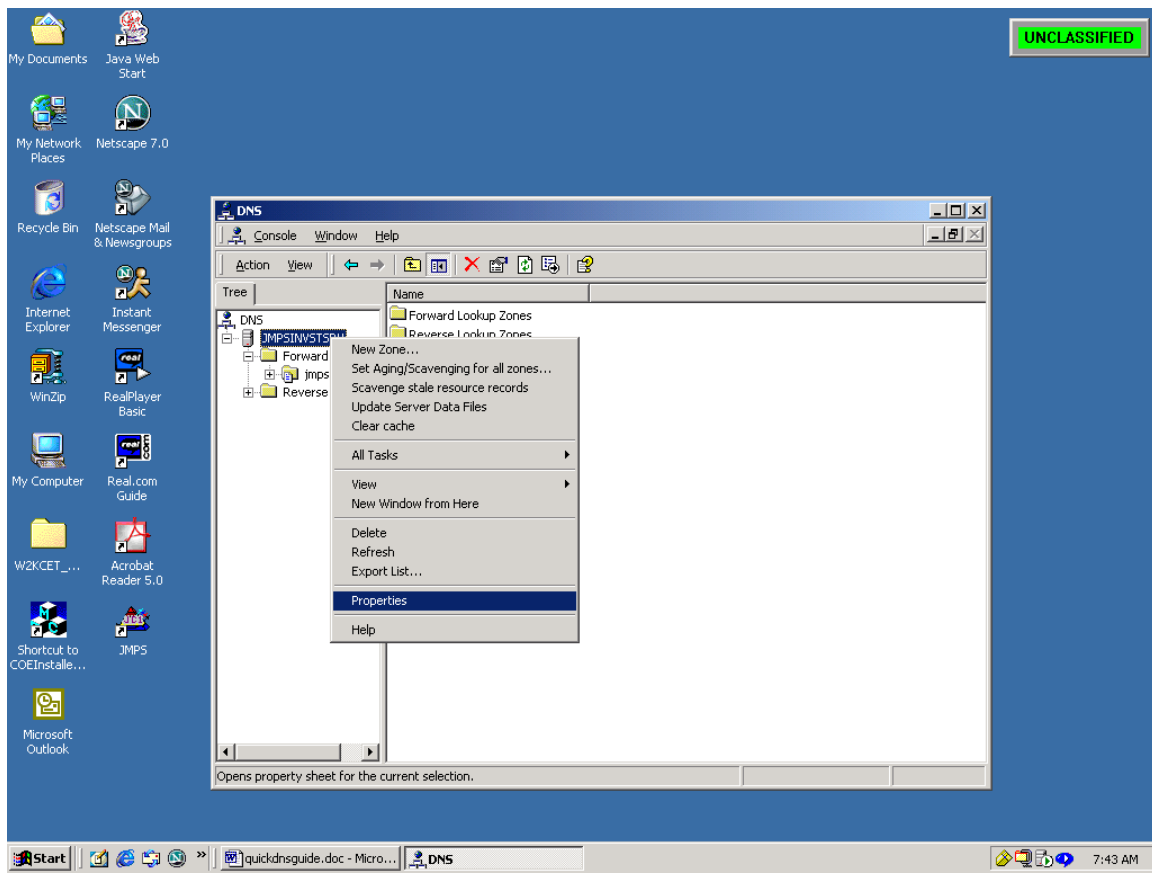**Figure 2 - Deleting "." Root DNS**
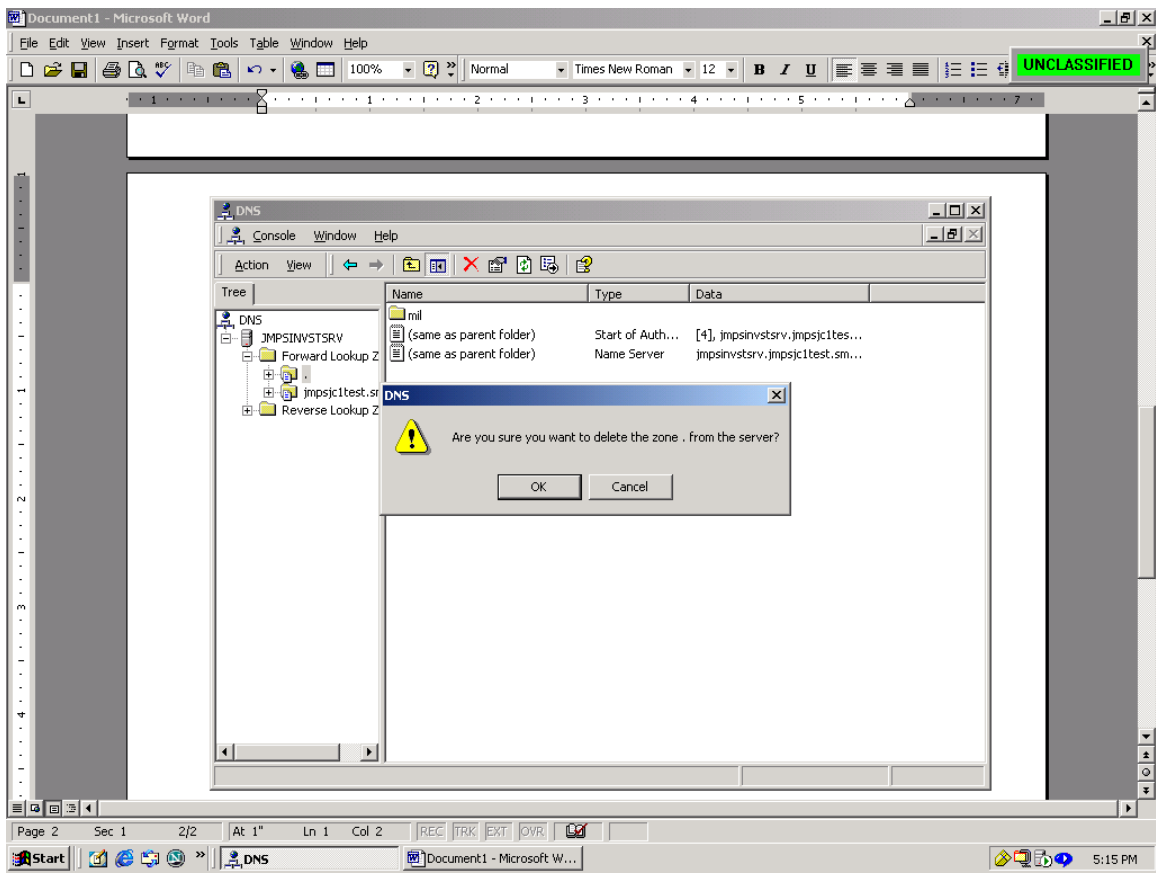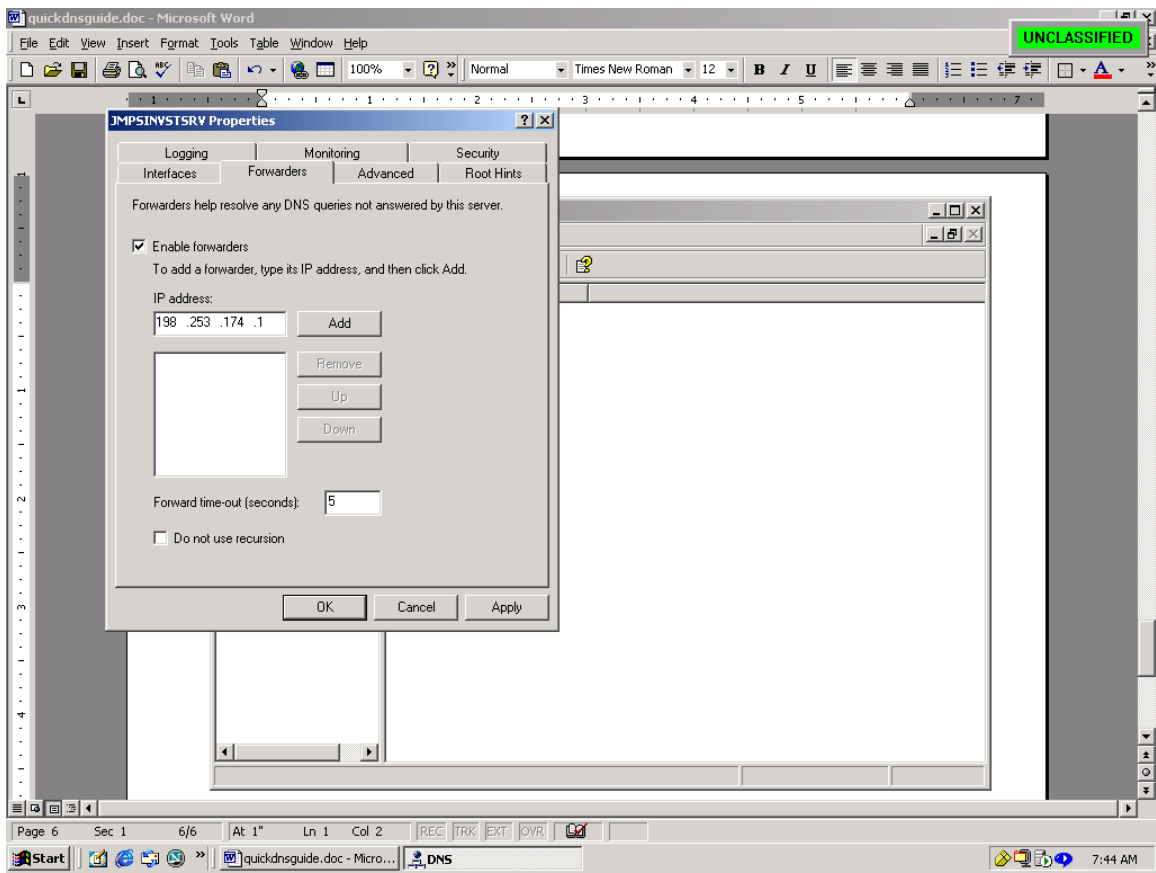
Figure 3 - Confirm Root DNS Zone Deletion

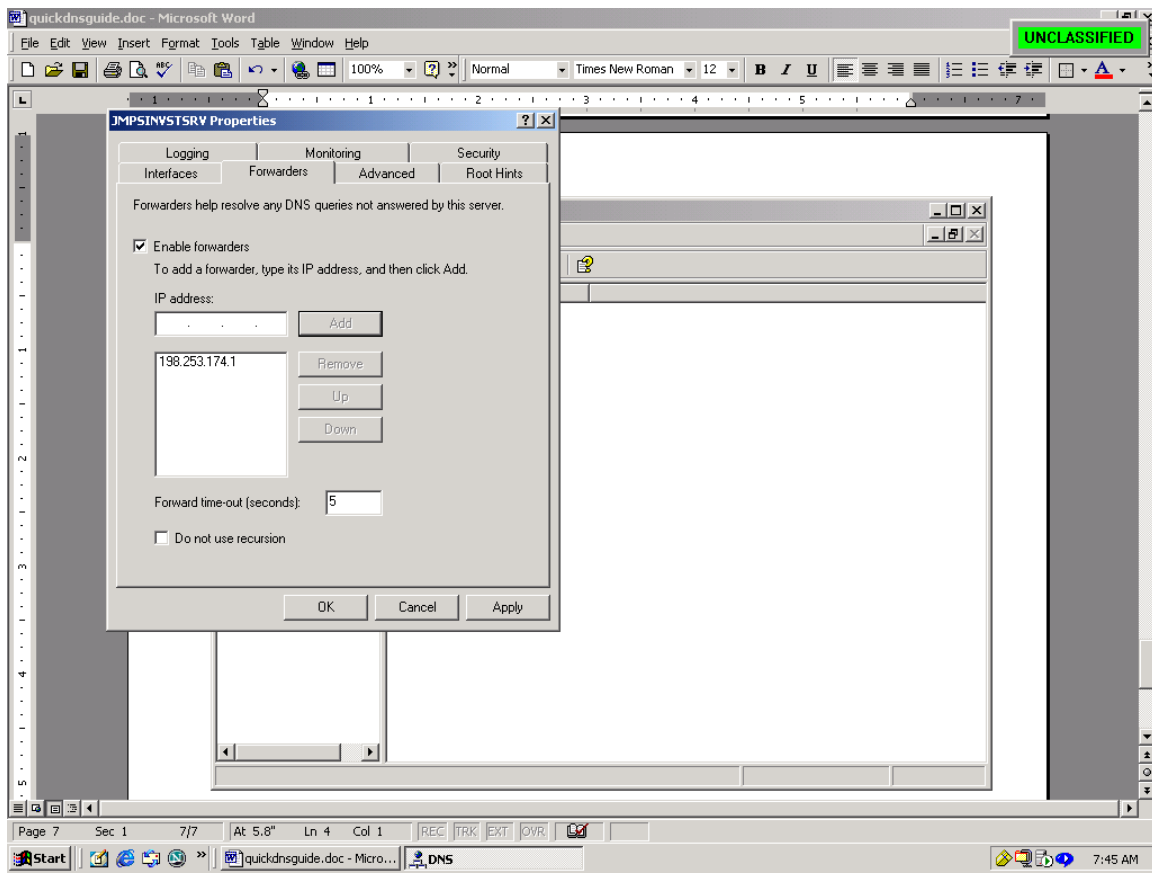**Figure 4 - Reconfirm DNS Root Deletion from Active Directory**

Figure 5 - DNS Properties Selection
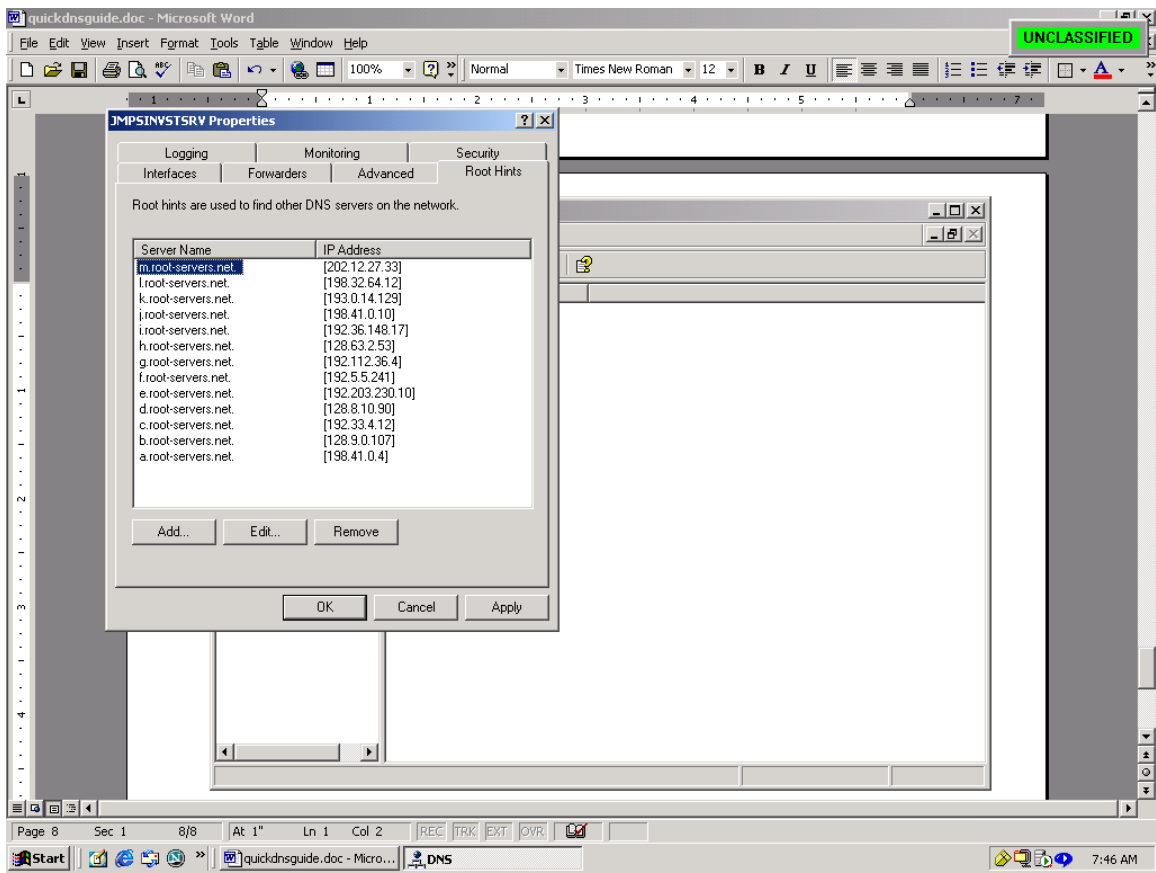
Figure 6 - DNS Forwarder Setup

Figure 7 - Forwarder Address in IP Address List

Figure 8 - DNS Root Hints